

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM – SEMESTER – 3- EXAMINATION –WINTER - 2018

Subject Code:2230006

Date: 30/11/2018

Subject Name: Pharmacognosy-I

Time:10:30 AM TO 01:30 PM

Total Marks: 80

Instructions:

- 1. Attempt any five questions.**
- 2. Make Suitable assumptions wherever necessary.**
- 3. Figures to the right indicate full marks.**

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|-------------|------------|--|-----------|
| Q.1 | (a) | Define crude drug. Discuss Plant tissue culture as a source of crude drug in detail. | 06 |
| | (b) | Define Tannins and give its properties and classification with examples. | 05 |
| | (c) | Brief Pectin. | 05 |
| Q.2 | (a) | Define pharmacognosy. Discuss scope and development of Pharmacognosy. | 06 |
| | (b) | Give pharmacognostic note on Animal starch. | 05 |
| | (c) | Give asexual method for cultivation. | 05 |
| Q.3 | (a) | Explain adulteration of crude drugs. | 06 |
| | (b) | Write a note on plant hormones and their applications. | 05 |
| | (c) | Differentiate Cocoa butter and Kokum butter | 05 |
| Q.4 | (a) | What is fruit and classify them with examples. | 06 |
| | (b) | Write a pharmacognostic note on Honey. | 05 |
| | (c) | Discuss microscopical and biological evaluation of crude drug. | 05 |
| Q.5 | (a) | Give B.S., Family C.C and Use of
1. Isabgol 2. Wool fat 3. Linseed oil | 06 |
| | (b) | Define and give modification of stem. | 05 |
| | (c) | Define and classify the carbohydrate with examples. | 05 |
| Q. 6 | (a) | Define 1. Stomatal index 2. Acid value 3. Hybridization | 06 |
| | (b) | Differentiate monocot and dicot leaf. | 05 |
| | (c) | Write a note on Acacia and Tragacanth. | 05 |
| Q.7 | (a) | What are the methods of classification of crude drugs? Describe therapeutic and pharmacological classification of crude drugs. | 06 |
| | (b) | Discuss mutation with reference to the medicinal plants. | 05 |
| | (c) | Give a note on cod liver oil. | 05 |
